



energies



an Open Access Journal by MDPI

Design, Modeling, and Control of Rotating and Linear Electric Machines for Automotive Applications

Guest Editor:

Prof. Dr. Yacine Amara

GREAH, Université Le Havre
Normandie, 76600 Le Havre,
France

Deadline for manuscript
submissions:

closed (24 February 2023)

Message from the Guest Editor

Dear Colleagues,

The automotive industry is one of the main employers in the industrialized countries. The automotive market is nowadays a very competitive market with big actors in nearly all continents. These actors have to evolve and propose new solutions. The electric vehicle has been the main driver of this industry in recent years. Indeed, in order to address the problems of green gazes and polluting emissions of the classical IC engine vehicles, governments all over the world are imposing new legislation which have pushed the automotive industry to develop more or fully electric vehicles.

A large variety of electric machines and actuator topologies have been and are still being developed for automotive applications, by both the academic and industrial communities. Hence, the main objective of this Special Issue is to gather the ideas of the research community worldwide into a common platform and to present the latest advances and developments in the design, modeling, and control of electric machines and actuators for automotive applications.

Prof. Dr. Yacine Amara
Guest Editor



mdpi.com/si/38168

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)